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MTB-268-86A

SUBJECT: Application Characteristics and Laboratory Testing of Protective Coating Systems For Carbon Steel Exposed to Simulated SRB Effluent

RELATED DOCUMENTATION: MTB-268-86 "Test Plan for Protective Coating Systems for Carbon Steel Exposed to Simulated SRB Effluent" DE-MAO-2, L. G. MacDowell, May 23, 1986.

1.0 FOREWORD

- 1.1 This is an interim report on the Protective Coating System Program currently being conducted by the Materials Testing Branch (MTB), DE-MAO-2, to evaluate candidate systems for protection of carbon steel from both marine corrosion and attack by the SRB Al₂O₃/HCl effluent.
- 1.2 This report contains the application data for the 114 coating systems which were applied in the MTB paint shop by Mr. Edwin V. Tier, a journeyman painter under contract to NASA. These systems are identified in Tables I VI.

1.3 The report also contains the results of laboratory adhesion and heat testing of the inorganic zinc coatings systems.

2.0 MATERIALS AND EQUIPMENT

- 2.1 The coating systems used in the program were supplied by interested manufacturers and collected by DE-MAO-2. The systems are listed in the Tables. The acronyms used in the tables are identified as follows:
 - IZ-1 Single-component inorganic zinc.
 - IZ-2 Two-component inorganic zinc.
 - VEN-EU Vendor's inorganic zinc and same vendor's epoxy/urethane.
 - VEN-HBEU Vendor's inorganic zinc and same vendor's high build epoxy/urethane.
 - VEN-REC Vendor's inorganic zinc and same vendor's recommended alternate to epoxy/urethane.
 - VEN-IO Vendor's inorganic zinc and Amercoat 741.
- 2.2 The paint shop was equipped with a Binks Model 18 spray gun with graphite packings, various combinations of fluid needles, fluid nozzles, and air caps suited to spray materials of varying viscosities, a 1-quart Devilbiss pressure cup, and a 2-quart Stewart Warmer agitated pressure cup.
- 2.3 Dry film thickness was measured with a properly calibrated Mikrotest magnetic pull-off guage and a Positector 2000 digital magnetic guage calibrated with plastic shims.

3.0 APPLICATION PROCEDURE

- 3.1 The carbon steel panels, both the KTA (Tator) panels for exposure testing and the flat 4-inch x 6-inch x 1/8-inch panels for laboratory tests, were sandblasted with 20 to 30-micron silica sand at 100 psi at the nozzle to the white metal condition described as No. 1 in NACE STD TM-01-70. The panels were blasted within several hours prior to the application of the primer coat to assure a clean, non-contaminated surface for painting. The anchor profile created by the sandblasting ranged from 1.0 2.0 mils.
- 3.2 The various coatings were applied to a dry film thickness of 3-5 mils for the zinc-rich primers and varying dry film thickness for the tie coats and topcoats. Insofar as the directions were complete, manufacturer's instructions were followed in mixing, thinning, and applying the coatings. After initial thorough mixing of the zinc primers, they were kept agitated in the 2-quart Stewart Warmer agitated pressure cup during application to prevent any settling of the zinc powder. The appendix to this report contains an application data sheet for each of the 119 materials being evaluated.
- 3.3 Although protective coatings must often be applied outdoors at KSC, due to the size or site of the structure to be protected, the resultant variations in temperature, humidity and wind conditions constitute test variables which were eliminated by applying the coatings inside the paint shop, all under the same conditions by the same painter.

4.0 LABORATORY TESTS

- Two methods of adhesion testing were employed to judge adhesion of the inorganic zinc rich primers. The first was performed in accordance with ASTM D2197-68 using a Gardner Laboratory balanced-beam scrape adhesion tester. In this test the paint film is pushed beneath a rounded loop stylus mounted in a pivoted beam which is loaded incrementally until the film is stripped from its base or resists 10kg, which is the maximum load. The results of the scrape adhesion tests are listed in Table VII for panels of each inorganic zinc primer. The second adhesion test was accomplished using an Elcometer 106-1 adhesion tester designed to measure the bond strength of applied coatings in pounds per square inch. The instrument uses the pull-off method to measure the lift off force required to pull a small area of coating away from the base metal. In this test, a dolly is glued to the coating under examination, the glue is allowed to cure, the coating is cut through around the perimeter of the dolly using a special cutter, and then the instrument claw is attached to the dolly. The lift force required to pull away the dolly is recorded by means of a dragging indicator on an engraved scale. The indicator retains the value when the dolly and coating separate from the surface so it can be properly recorded. The indicator is then re-set to zero prior to each test. The results of these tests are listed in Table VIII for each inorganic zinc primer.
- 4.2 KSC-STD-C-0001, Rev A, issued May 21, 1985, requires that an inorganic zinc coating show no evidence of failure when exposed to a temperature of 400°C (750°F)

for 24 hours. A loss of adhesion after heating constitutes a failure due to temperature effects on the coating film. From the results of the scrape adhesion test only 10 of 26 inorganic zinc coatings applied for this program passed that standard. The results of this testing program are presented in Table VIII. when the same coatings were tested using the Elcometer adhesion test, 22 of the 26 inorganic zinc coating passed that standard. The results of this testing program are presented in Table IX. The exact reasons for these discrepancies are unclear; however, probable causes are as follows. The scrape adhesion test described by ASTM D 2197-68 is a test related to organic coatings. Applying results from this test to inorganic zinc primer coatings may be misleading. The scrape adhesion test appears to be more sensitive to coating hardness and brittleness thus less suitable for evaluating coating films rich in metallic zinc. On the other hand, the Elcometer pull-off test is suited to test the adhesion of any type of applied coating. From the results shown in the table, it is interesting to note that 22 of 26 coatings actually maintained or increased their adhesion levels upon heating. This result is to be expected of an inorganic zinc coating due to the heat causing them to cure further. increased tensile strength would also lead to increased film brittleness possibly causing them to fail the scrape adhesion test. The four coatings that failed the Elcometer test also failed the scrape adhesion test indicating deterioration in the film due to exposure to high temperature. This could indicate that these coatings have significant organic content. changes were assumed due to dyes and not judged to impair performance of the zinc coatings.

5.0 CONCLUSIONS

Some 26 inorganic zinc and 88 topcoat systems are being tested at the beach corrosion site. This report presents information on their application characteristics and some laboratory testing.

INVESTIGATOR Source & Morkovell For L. G. MACDOWEYL, III

.TABLE I

I Z-1

MANUFACTURER

ZINC

Subox

Galvanox IV

TABLE II

I Z-2

MANUFACTURER	ZINC
Ameron	D-6
Ameron	D-9
Вусо	SP 101
Carboline	CZ-11
Ceilcote	200
Con-Lux	Zinc Plate 21
Coronado	935-152
Devoe-Marine	Catha-Coat 304
Devoe-Prufcoat	Zinc Prime 500
DuPont	Ganicin
Engard	Engard 519
Glidden	Glid Zinc 5530
G1idden ·	Glid Zinc 5536
International	Interzinc 22
KOPPERS	701
Mobil/Valspar	13-F-12
NAPKO	5 - Z
Porter	Zinc Lock 311
PPG	Metalhide 1001
Reliance	Rel-Zinc 100
Rustoleum	5686
Sherwin Williams	Zinc Clad A23
Sigma	7551
Subox	Galvanox V
Tnemec	90E-75

TABLE III

VEN-EU

MANUFACT.	ZINC	EPOXY	POLYURETHANE
Ameron	D-6/D-9	182	450GL
Byco	SP 101	300HB	450
Carboline	CZ-11	193LF	134
Ceilcote	200	Ceilgard 675	Ceilgard 420
ConLux	Zinc Plate 21	Epolon 20	Acrolon 200
Coronado	935-152	101-147	827-1
Devoe-Marine	Catha-coat 304	Devran 201	Devthane 239
Devoe-Prufcoat	Zinc Prime 500	Chemfast 545	Prufthane 369
DuPont	Ganicin	Corlar B.B.	Imron
Engard	Engard 519	1447	428
Glidden	5530/5536	5461	Glidthane II
International	Interzinc 22	Intergard	Interthane
Koppers	701	654	1122 BRS
Mobil/Valspar	13-F-12	13-R-60	40 Series
Napko	5-Z	516	290
Porter	Zinc Lock 311	MCR-43	Hythane 4610
PPG	Metalhide 1001	97-3	97-812
Reliance	Rel-Zinc 100	Rel-Pon 59ZP	Rel-thane 300
Rust Oleum	5686	M9373	9492
Sherwin Williams	Zinc Clad A23	Tile Clad A22	Polane
Sigma	7551	5434	7523
Subox	Galvanox IV/V	Capox A 8051	Subthane 3000
Tnemec	90E-75	Epoxoline 66	Series 70/71

TABLE IV

VEN-HBEU

MANUFACT.	ZINC	EPOXY	<u>POLYURETHANE</u>
Ameron	D6/D9	383HS	2490
Вусо	SP-101	300HB	451
Carboline	CZ-11	190HB	133HB
Ceilcote	200	Ceilgard 690	Ceilgard 470
ConLux	Zinc Plate 21	Epolon 39D	Acrolon 200
Coronado	935-152	111-111	827-1
Devoe-Marine	Catha-coat 304	Devran 230	Devthane 249
Devoe-Prufcoat	Zinc Prime 500	Chemfast 547	Prufthane 359
DuPont	Ganicin	Corlar HB	Imron HB
Engard	Engard 519	1447	449
Glidden	5530/5536	5555	Glidthane HB
International	Interzinc 22	Intergard HB	Interthane HB
Koppers	701	Higard Epoxy	1122 BRS
Mobil/Valspar	13-F-12	78-D-7	41 Series
Napko	5-Z	520	295
Porter	Zinc Lock 311	MCR 43	Hythane 8610
PPG	Metalhide 1001	97-139	97-812
Reliance	Rel-Zinc 100	Rel-Pon 70	Rel-thane 320
Rust Oleum	5686	9582 HB	9492
Sherwin Williams	Zinc Clad A23	HiSolids E102	HiBild El06
Sigma	7551	5434	7523
Subox	Galvanox IV/V	8500	Subthane 3100
Tnemec	90E-75	Epoxoline 66	Series 73

TABLE V

VEN-REC

MANUFACT.	ZINC	MID COAT	TOP COAT
Ameron Byco	D-6/D-9	Amerlock 400 Not Supplied	2490
Carboline Ceilcote	CZ-11	188HB Not Supplied	133HB
ConLux	Zinc Plate 21	Metal Bond 47/Yinyloid 93	Vinyloid 98
Coronado		Not Supplied	
Devoe-Marine	CathaCoat 304	Devran 201	Devthane 249
Devoe-Prufcoat		Not Supplied	
DuPont	Ganicin	Corlar HB	Imron
Engard		Not Supplied	
Glidden		Not Supplied	
International	Interzinc 22	TAA 423 Epoxy	Interthane
Koppers		Not Supplied	
Mobil/Valspar	13-F-12	83 Series Vinyl	22 Series
Napko		Not Supplied	
Porter	Zinc Lock 311	Magna Glass 77	Hythane 4610
PPG	Metalhide 1001	97-148/149	97-812/819
Reliance		Not Supplied	
Rust Oleum	5686	95-1501	9492
Sherwin Williams		Not Supplied	
Sigma		Not Supplied	
Subox	Galvanox IV/V	Capox A 4551	Subthane 3100
Tnemec		Not Supplied	

TABLE VI

VEN-IO

MANUFACTURER	ZINC	AMERCOAT 741
Ameron	D-6/D-9	Amercoat 741
Вусо	SP 101	Amercoat 741
Carboline	CZ-11	Amercoat 741
Ceilcote	200 .	Amercoat 741
Con-Lux	Zinc Platė 21	Amercoat 741
Coronado	935-152	Amercoat 741
Devoe-Prufcoat	Zinc Prime 500	Amercoat 741
DuPont	Ganicin	Amercoat 741
Engard	519	Amercoat 741
Glidden	5530/5536	Amercoat 741
International	Interzinc 22	Amercoat 741
Koppers	701	Amercoat 741
Mobil/Valspar	13-F-12	Amercoat 741
Napko	5 - Z	Amercoat 741
Porter	Zinc Lock 311	Amercoat 741
Reliance	Rel-Zinc 100	Amercoat 741
Sherwin Williams	Zinc Clad A23	Amercoat 741
Sigma	7551	Amercoat 741
Subox	Galvanox IV/V	Amercoat 741
Tnemec	90E-75	Amercoat 741

TABLE VII
ADHESION TEST RESULTS (SCRAPE ADHESION)

ADHESION LOAD (KG) PANEL 1 PANEL 2* I Z - 1 10 10 Subox Galvanox IV I Z-2 10 10 Ameron D-6 10 7 Ameron D-9 10 10 Byco SP 101 10 10 Carboline CZ-11 10 Ceilcote 200 10 Con-Lux Zinc Plate 21 10 10 - 10 10 Coronado 935-152 8 10 Devoe Marine Cathacoat 304 10 Devoe Prufcoat Zinc Prime 500 10 10 DuPont Ganicin 10 10 10 Engard 519 6 10 Glidzinc 5530 6 Glidzinc 5536 5 Interzinc 22 10 10 10 10 Koppers 701 10 Mobil/Valspar 13-F-12 10 10 10 Napko 5-Z 10 Porter Zinc Lock 311 10 10 PPG Metalhide 1001 10 10 Reliance Relzinc 100 10 10 10 Rustoleum 5686 Sherwin Williams Zinc-Clad A23 10 10 10 10 Sigma 7551 Subox Galvanox V 7 8 10 10 Tnemec 90E-75

^{*}CURED WITH 4 WATER WASH AND DRY CYCLES

TABLE VIII
HEAT TEST RESULTS ON ZINC COATINGS (SCRAPE ADHESION)

	ADHESION, KG AFTER	24 HOURS AT 400°C
	PANEL 1	PANEL 2*
IZ-1	_ _	TARLE 2
Subox Galvanox IV	4	4
I Z-2		
Ameron D-6	10	10
Ameron D-9	5	7
Byco SP 101	3	3
Carboline CZ-11	10	9
Ceilgard 200	4	5
Con-Lux Zinc Plate 21	10	10
Coronado 935-152	9	5
Devoe Marine Cathacoat 304	6	2
Devoe Prufcoat Zinc Prime 500	3	2
DuPont Ganicin	4	5
Engard 519	3	3
Glidzinc 5530	3	. 3
Glidzinc 5536	2	· 3 2
Interzinc 22	3	8
Koppers 701	3	2
Mobil/Valspar 13-F-12	5	8
Napko 5-Z	3	2
Porter Zinc Lock 311	4	3
PPG Metalhide 1001	10	10
Reliance Relzinc 100	10	10
Rustoleum 5686	10	10
Sherwin Williams Zinc-Clad A23	2	2
Sigma 7551	10	10
Subox Galvanox V	. 3	3
Tnemec 90E-75	10	3 10

^{*}CURED WITH 4 WATER WASH AND DRY CYCLES

TABLE IX ELCOMETER ADHESION RESULTS

ADHESION (PSI)

	<u></u>	AFTER 24 HRS
•	BEFORE HEATING	AT 400°C
I Z-1		
Subox Galvanox IV	90	80
17-2		
Ameron D-6	120	210
Ameron D-9	100	160
Byco SP 101	150	200
Carboline CZ-11	110	160
Ceilgard 200	100	90
Con-Lux Zinc Plate 21	110	210
Coronado 935-152	60	90
Devoe Marine Cathacoat 304	90	220
Devoe Prufcoat Zinc Prime 500	90	. 310
DuPont Ganicin	120	170
Engard 519	150	200
Glidzinc 5530	90	100
Glidzinc 5536	100	100
Interzinc 22	120	220
Koppers 701	150	130
Mobil/Valspar 13-F-12	180	260
Napko 5-Z	90	100
Porter Zinc Lock 311	120	190
PPG Metalhide 1001	200	290
Reliance Relzinc 100	160	210
Rustoleum 5686	210	250
Sherwin Williams Zinc-Clad A23	130	220
Sigma 7551	210	380
Subox Galvanox V	150	80
Tnemec 90E-75	160	190

APPENDIX

PRODUCT: AMERON D-6 BATCH NO.: DATE: 4/1/65

COLOR: BROWN-RED LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

CC DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 101 QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

1	. ATOMIZATION	GCOD: X	FAIR:	POOR:	
2	. COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	×	x		x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×	x		x

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 2.8 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 6 MILS
- E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 1 HR
 METALLIC POLISH: 2 HRS
- F. COMMENTS: MIXES AND SPRAYS WELL 101 THINNER GIVES A SMOOTHER FINISH AND NO DRY SPRAY 2 PASSES TO MAKE SPEC.

PRODUCT: AMERON D-9

BHICH NU.:

BHIE: IONTINOL

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 80 SURFACE TEMP: 72 XRH: 75 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	P00R:	
s.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X		x	X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 4.6 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 12 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 10 MILS

E. DRYING TIME DRY TO TOUCH: 5 MIN DRY THROUGH: 20 MIN

METALLIC POLISH: OVERNIGHT

F. COMMENTS: MIXES AND SPRAYS WELL - DOES NOT SETTLE - DRIES FAST - A
LITTLE THINNER WOULD GIVE A SMOOTHER FINISH

PRODUCT: AMERUN 182 EPUXY

DRIGH NO. .

COLOR: RED LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CUMTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATID: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x .		X	X
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X			•
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		x	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 2.8 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - PINHOLED BUT NO BUBBLES

PRODUCT: AMERON 383HS EPOXY

BATCH NU.:

リローロン・サインマイ しし

COLOR: GRAY.

LOCATION: KSC

ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE:

.

PROFILE: OTHER: ZINC

COMPITION

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY:

DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 101 QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 DTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

TIP:

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNE	RS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x	×	×
	BUBBLES OR PINHOLES: SAGS AND RUNS:	x		
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 3 HRS DRY THROUGH: OVERNIGHT METALLIC POLISH:
- F. COMMENTS: MIXES WELL SPRAYS FAIR SLOW DRY

PRODUCT: HMERUN HMEREUCK 400 EFOXT PHICH NO.:

which have a second

LOCATION: KSC ITEM COATED: 16 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: ZINC ABRASIVE: SURFACE PREPARATION SSPC:

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: X NO: TYPE: 65 QUANTITY: 15%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

INSIDE SHOP: X OUTSIDE: SHADE: X SUN: A. ENVIRONMENTAL CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATID:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 30 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR:	P00R:	X
2.	COATING APPEARANCE	FLAT AREAS	ANGLÉS	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		x	×
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 5 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: STIFF - HARD TO MIX - HARD TO SPRAY EVEN AFTER THINNING

PRODUCT: AMERON 450GL URETHANE

BATCH NO.:

DATE: 4/21/50

COLOR: WHITE

LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE:

PROFILE: OTHER: EPOXY

IN

CC DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X DUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 72 XRH: 40 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

TIP: AIRMOTOR PRESSURE:

RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

POOR: 600D: X FAIR: 1. ATOMIZATION 2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM Х X . SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: X X X UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 3.5 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - WORKS WELL

PRODUCT: AMERON 2490 UREIMHNE DRICH NO. :

LOCATION: KSC ITEM COATED: 32 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: EPOXY ABRASIVE: SURFACE PREPARATION SSPC:

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 65 QUANTITY: 5% APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 XRH: 40 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 15 PSI

AIR PRESSURE: 45 PSI

"C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X		X	X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		X	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4.5 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 3 HRS DRY THROUGH: OVERNIGHT METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL GASES BADLY FOR OVER 2 HRS

PRODUCT: AMERON 741 INORGANIC BATCH NO.: DATE: 5/15/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 52 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

COMPITION A. SETTLING - YES: X NO: SOFT: HARD: X OTHER:

ΙN

CONTAINER SEPARATION - YES: X NO: DESCRIPTION: HARD IN CAN

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X DUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLÈS & (CORNERS WELD	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X X	X X	X X	
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x	x	x	:

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: SPRAYS WELL - ROUGH OVER 4 MILS WET - DOES NOT FLOW AT ALL - WILL BUILD HIGH MILS

PRODUCT: BYCO MOLUZING 101

BATCH NO. :

DH(E: 3/10/00

AIRMOTOR PRESSURE:

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

CT DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 119 QUANTITY: 5%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

APPLICATION CONDITIONS AND CONTING PROPERTIES TREPORT OR LINE, THE SECOND

A. ENVIRONMENTAL CONDITIONS

INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 72 XRH: 40 DTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO: TIP:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 50 PSI

C. HANDLING PROPERTIES

i.	ATOMIZATION	600D:	FAIR: X	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & C	ORNERS WELD	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x	x	>	
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X X	x x	>	

D. THICKNESS WET FILM (AVERAGE): 7 MILS DRY FILM (AVERAGE): 3.5 MILS
MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 2 HRS
 - METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES WELL SPRAYS FAIR DRY SPRAYS UNLESS THINNED SKINS OVER FAST - RUNS OVER 7 MILS WET

PRODUCT: BYCO MOLUPON 300HB BATCH NO.: DATE: 6/10/86

COLOR: GREY . LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

COMMITTION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 300R QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	;
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X		x	X
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	x			
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	X

- D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 6.7 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT
 METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL CLEANS UP WELL

PRODUCT: BYCS MOLUTHANE 450 URETHANE BATCH NO.: DATE: 6/11/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CC"DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 XRH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATID: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 40 PSI

"C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION .	600D: X	FAIR:	POGR	:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X		X	X
	SAGS AND RUNS:	X		X	X
	CRACKING:	v		x	x
	UNIFORM COLOR: VARYING COLOR:	X		^	^

D. THICKNESS WET FILM (AVERAGE): 4.4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: 3 HRS

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - VERY THIN - NEEDS TWO PASSES TO COVER

PRODUCT: BYCO MOLUTHANE 451 URETHANE DATE: 6/11/86 BATCH NO.:

ITEM COATED: 8 TATOR PANELS LOCATION: KSC COLDR: BLUE

PROFILE: OTHER: EPOXY SURFACE PREPARATION SSPC: ABRASIVE:

NO: X SOFT: X HARD: OTHER: A. SETTLING - YES: CCTITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

> EASY: DIFFICULT: B. MIXING - MECHANICAL

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

DUTSIDE: SHADE: X SUN: A. ENVIRONMENTAL INSIDE SHOP: X

CONDITIONS AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 60 DTHER:

B. EQUIPMENT TYPE: AIRLESS: USED

> TIP: AIRMOTOR PRESSURE: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

X

X

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

POOR: FAIR: 600D: X 1. ATDMIZATION

ANGLES & CORNERS WELD SEAM 2. COATING APPEARANCE FLAT AREAS X χ X SMOOTH W/ FAIR FLOW:

FAIRLY SMOOTH: ORANGE PEEL:

OVERSPRAY:

BUBBLES OR PINHOLES:

SAGS AND RUNS:

CRACKING:

UNIFORM COLOR:

VARYING COLOR:

OTHER (DESCRIBE):

WET FILM (AVERAGE): DRY FILM (AVERAGE): 10.1 MILS D. THICKNESS

X

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - COVERS WELL

PRODUCT: CARBOLINE CZ-11 ZINC BATCH NO. : DATE: 9/13/85

COLOR: GREEN LOCATION: KSC ITEM CDATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

A. SETTLING - YES: X NO: SOFT: X HARD: COMPITION OTHER:

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

SHADE: X A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: SAME **RH: OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	•
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	. x	x		x
	SAGS AND RUNS:	X	X		X
	CRACKING:		X		X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X	X		X

- WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.8 MILS D. THICKNESS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 6 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 6 MILS
- DRY TO TOUCH: 10 MIN DRY THROUGH: 2 HR E. DRYING TIME METALLIC POLISH: 8 HR
- F. COMMENTS: MIXES AND SPRAYS FAIRLY WELL RUNS OVER 6 MILS AND CRACKS AT THE SAME 6 MILS

PRODUCT: CARBOLINE 193LF EPOXY BATCH NO.: DATE: 11/4/85

COLOR: RED LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C()ITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 15 QUANTITY: 15 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

MATE.

0000-

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

	1.	ATOMIZATION	GOOD: X	FAIR:		POURE		
í	2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& (CORNERS	WELD	SEAM
		SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		x		>	
		CRACKING: UNIFORM COLOR: VARYING COLOR:	x		x		3	(

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 4.42 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 10 MIN DRY THROUGH: 45 MIN METALLIC POLISH:
- F. COMMENTS: DID NOT BUBBLE OVER ZINC WORKS WELL

PRODUCT: CARBOLINE 190HB EPOXY BATCH NO.: DATE: 11/4/85

COLOR: GRAY LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

Cr DITION A, SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: # 15 QUANTITY: 5 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X DUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 12 PSI

· AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

ı.	AIUMIZAIIUN	GUUD: X	FHIK:	PUUR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	x		X
	BUBBLES OR PINHOLES:	×	X		- X
	SAGS AND RUNS:	X	X		X
	CRACKING:				
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×	X		X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 8.6 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 1.5 HR
METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL

PRODUCT: CARBOLINE 188HB EPOXY BATCH NO.: DATE: 11/4/85

COLOR: LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CCTTITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

FAIR:

POOR:

AIR PRESSURE: 55 PSI

GOOD: X

T. HANDLING PROPERTIES

1. ATOMIZATION

OTHER (DESCRIBE):

CONDITIONS

2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x	×	x
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x	x	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 7.15 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 1.5 HR

METALLIC POLISH:

F. COMMENTS: A LITTLE HEAVY - MIXES AND SPRAYS WELL

DATE: 11/5/85 PRODUCT: CARBOLINE 134 URETHANE BATCH NO.:

LOCATION: KSC ITEM COATED: 8 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: EPOXY ABRASIVE: SURFACE PREPARATION SSPC:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: Cr DITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

INSIDE SHOP: X OUTSIDE: SHADE: X SUN: A. ENVIRONMENTAL

CONDITIONS AIR TEMP(F): 78 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & C	ORNERS WELD S	EAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X	. X	X	
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×	x	x	

D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 2 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL

PRODUCT: CARBOLINE 133HB URETHANE BATCH NO.: DATE: 11/5/85

COLOR: WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: BTHER: EPOXY

C' DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

9. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 12 PSI

AIR PRESSURE: 55 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

GOOD: X FAIR: POOR: 1. ATOMIZATION 2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM X X X SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: Х X X UNIFORM COLOR: VARYING COLOR:

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 3.8 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - COVERS WELL

PRODUCT: CEILGARD ZINC 200 BATCH NO.: DATE: 10/8/85

COLOR: GRAY LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C()ITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X GUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 78 %RH: 80 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	x		x
	SAGS AND RUNS:	X			
	CRACKING:				v
	UNIFORM COLOR:	X	X		X
	VARYING COLOR:				
	OTHER (DESCRIBE):				

- D. THICKNESS WET FILM (AVERAGE): 7 MILS DRY FILM (AVERAGE): 4.8 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 6 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 8 HRS
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: SETTLES FAST FLASHES OFF FAST SECOND PASS IN 30 SEC HARI TO CLEAN OUT OF CUP

PRODUCT: CEILGARD EP675 EPOXY BATCH NO.: DATE: 1/17/86

COLOR: RED LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT: X

TYPE MIXER BLADE: SHAKER AND 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: X NO: TYPE: T470 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 78 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLDR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 6.4 MILS
MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: HARD TO MIX - SPRAYS WELL WHEN THINNED

PRODUCT: CEILGARD EP690 EPOXY BATCH NO.:

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CC TITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT: X

TYPE MIXER BLADE: SHAKER AND 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: X NO: TYPE: T460 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 78 XRH: 40 OTHER:

DATE: 1/17/86

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 20 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

CONDITIONS

1.	ATOMIZATION	GODD:	FAIR:	PUUR:	Х
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x		x	x
	BUBBLES OR PINHOLES: SAGS AND RUNS:	x			
	CRACKING: UNIFORM COLOR:	x		x	×
	VARYING COLOR: OTHER (DESCRIBE):				

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 13.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: HARD TO MIX AND SPRAY - VERY HEAVY BODIED

PRODUCT: CEILGARD 470-01 URETHANE BATCH NO.: DATE: 1/18/86

LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC:

ABRASIVE:

PROFILE: OTHER: EPOXY

COLOR: WHITE

DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: T410 QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 78 %RH: 40 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

TIP:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 60 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x		X .	X .
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 2.7 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 5 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 2 HRS METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL COVERS WELL

PRODUCT: CON-LUX 21 ZINC

BATCH NO. :

DATE: 8/14/85

COLOR: GRAY-GREEN LOCATION: KSC

ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

CF DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY;

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 80 SURFACE TEMP: SAME %RH: HI OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

CATE.

DODD.

AIR PRESSURE: 35 PSI

COOD. Y

C. HANDLING PROPERTIES

OTOMIZATION

1.	HIUMIZHIIUN	GOOD: X	PHIK:	יאטטא:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X		x	X
	SAGS AND RUNS:	X			
	CRACKING:			X	X
	UNIFORM COLOR:	X		X	X
	VARYING COLOR:				
	OTHER (DESCRIBE):				

D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 2.4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 6 MILS

E. DRYING TIME DRY TO TOUCH: 10 MIN DRY THROUGH: 30 MIN

METALLIC POLISH: 1 HR

F. COMMENTS: THIN - MIXES WELL - SPRAYS WELL - 2 PASSES TO GET 3 MILS
DRY - LESS THAN 1 MIL ON FLAT - 2 MILS ON CHANNEL CREATES

PRODUCT: CON-LUX EPOLON 20 BATCH NO.: DATE: 8/29/85

COLOR: LOCATION: KSC ITEM COATED: 10 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CC DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 145 QUANTITY: 15 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 75 SURFACE TEMP: SAME **RH: HI OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 38 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X		x	X
	BUBBLES OR PINHOLES:	X		X	X
	SAGS AND RUNS:	X		X	X
	CRACKING:				
	UNIFORM COLOR:	X		X	X
	VARYING COLOR:				
	OTHER (DESCRIBE):				

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 2.95 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: SPRAYS WELL - RUNS AND BUBBLES - BETTER APPEARANCE THAN HEAVY BUILD

PRODUCT: CON-LUX EPOLON 31 BATCH NO.: DATE: 8/29/85

COLOR: LOCATION: KSC ITEM COATED: 9 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CC 'ITION A. SETTLING - YES: NO: X SOFT: HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 145 QUANTITY: 10 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 75 SURFACE TEMP: SAME *RH: HI OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 15 PSI

AIR PRESSURE: 38 PSI

C. HANDLING PROPERTIES

,	1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
;	2.	COATING APPEARANCE	FLAT AREAS	ANGLES & C	ORNERS WELD	SEAM
		SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	x		x
		BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X	×		X
		UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	X		×

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 9.26 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 18 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 6 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: TOO HEAVY TO SPRAY AS COMES FROM CAN - ADDED 10% THINNER - BUBBLES BADLY AND DOES NOT LEVEL OUT ON SECOND PASS -

PRODUCT: CON-LUX ACROLON 200

BATCH NO.:

DATE: 8/30/85

COLOR: WHITE

LOCATION: KSC ITEM COATED: 18 TATOR PANELS

SURFACE PREPARATION SSPC:

ABRASIVE:

PROFILE: OTHER: EPOXY

IN

DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 131 QUANTITY: 10 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 75 SURFACE TEMP: SAME %RH: HI OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

AIRMOTOR PRESSURE: TIP:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS		& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x .		X .	X
	SAGS AND RUNS: CRACKING:	X			
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x .	x

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 4.69 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 3 HR DRY THROUGH: 4 HR

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS WELL - 3 DZ. THINNER IN 30 DZ. OF PAINT DRIES A LITTLE SLOW

PRODUCT: CON-LUX WASH PRIME 47

BATCH NO.:

DATE: 9/10/05

COLOR: GREEN LOCATION: KSC ITEM COATED: 4 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

COMPITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

FAIR:

PDOR:

AIR PRESSURE: 38 PSI

600D: X

C. HANDLING PROPERTIES

1. ATOMIZATION

OTHER (DESCRIBE):

2. CDATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM X X SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: DRANGE PEEL: **OVERSPRAY:** BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: X X UNIFORM COLOR: Х VARYING COLOR:

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): .5 MIL

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 1 MIL

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 1 HR

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - A LITTLE HEAVY

PRODUCT: CON-LUX VINYLOID 93 BATCH NO.: DATE: 9/10/85

COLOR: OFF-WHITE LOCATION: KSC ITEM COATED: 4 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: VINYL

CC"DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 160 QUANTITY: 10 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 30 PSI

AIR PRESSURE: 38 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR:	POOR: X
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	ERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x	x	×
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 10.17 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: DVERNIGHT
METALLIC POLISH:

F. COMMENTS: HEAVY WHEN COLD - NEEDS 10% THINNER TO SPRAY - BUILDS WELL DRIES FAST

BATCH NO.: DATE: 9/12/85 PRODUCT: CON-LUX VINYLOID 98

LOCATION: KSC ITEM COATED: 4 TATOR PANELS CCLOR: BUFF

PROFILE: OTHER: VINYL SURFACE PREPARATION SSPC: ABRASIVE:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: CC DITION IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

> B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 160 QUANTITY: 15 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 15 PSI

AIR PRESSURE: 38 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR:	POOR: X	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	ERS WELD S	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X	X	x	
	CRACKING: UNIFORM COLOR: VARYING COLOR: DTHER (DESCRIBE):	x	x	x	

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 6.25 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 10 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: HEAVY - NEEDS THINNING - WORKS BETTER THINNED 15% - DOES NOT FLOW OUT

PRODUCT: CORONADO 935-152 ZINC

BATCH NO. :

DATE: 2/12/86

ITEM COATED: 30 TATOR PANELS LOCATION: KSC COLOR: GRAY

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

Cr DITION IN CONTAINER A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

SHADE: X INSIDE SHOP: X OUTSIDE: SUN: A. ENVIRONMENTAL CONDITIONS

AIR TEMP(F): 80 SURFACE TEMP: 80 %RH: 40 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	G00D: X	FAIR:		POOR:		
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNE	RS WE	∟D	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: DRANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	×		X		>	(
	CRACKING:	X		X)	(
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X)	K

- WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 4.1 MILS D. THICKNESS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 8 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 7 MILS
- DRY TO TOUCH: 15 MIN DRY THROUGH: 2 HRS E. DRYING TIME METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES AND SPRAYS WELL MATERIAL SKINS OVER FAST SKIN WILL BREAK UP AND CLOG GUN

PRODUCT: CORONADO 101-147 EPDXY BATCH NO.: DATE: 3/11/06

CGLOR: RED LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CT'DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND CORTING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 XRH: 50 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM SMOOTH W/ FAIR FLOW: X X X FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: X X X SAGS AND RUNS: X X X	1.	ATOMIZATION	GDOD: X	FAIR:	POOR:	
FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: X X X	2.	COATING APPEARANCE	FLAT AREAS		CORNERS	WELD SEAM
BUBBLES ON PINNOCES!		FAIRLY SMOOTH: ORANGE PEEL:	X	;	K	X
SAGS AND RUNS: X X X		BUBBLES OR PINHOLES:	X	7	X	X
		SAGS AND RUNS:	X	;	X	X
CRACKING:		CRACKING:				
UNIFORM COLOR: X X X Y VARYING COLOR: OTHER (DESCRIBE):		VARYING COLOR:	X	1	X	×

- D. THICKNESS WET FILM (AVERAGE): 4 MILS DRY FILM (AVERAGE): 1.2 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 2 HRS
 METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL VERY THIN BUBBLES BADLY

PRODUCT: CORUNADO 111-111 EPOXY

BATCH NO.:

DATE: 3/11/06

COLOR: LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE:

PROFILE: OTHER: ZINC

CONDITION

A. SETTLING - YES: NO: X SOFT: HARD: OTHER: THICK

IN

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 10% APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL CONDITIONS

INSIDE SHOP: X OUTSIDE:

SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 70 XRH: 50 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

TIP:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	ERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	X	X
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X	x	X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	X	x

DRY FILM (AVERAGE): 6.7 MILS D. THICKNESS WET FILM (AVERAGE): MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 9 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT METALLIC POLISH:
- F. COMMENTS: VERY HEAVY BODIED HARD TO MIX SPRAYS FAIR AFTER THINNING -3 PASSES REQUIRED TO STOP BUBBLING AND PRODUCE MILLAGE

DATE: 3/12/86 BATCH NO.: PRODUCT: CORONADO 827-1 URETHANE

LOCATION: KSC ITEM COATED: 16 TATOR PANELS CULDR: WHITE

PROFILE: OTHER: EPOX' ABRASIVE: SURFACE PREPARATION SSPC:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: C' DITION ΙN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 45-202 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 50 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	600D:	FAIR: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	ERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X	x	x
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x	x	x

WET FILM (AVERAGE): 7 MILS DRY FILM (AVERAGE): 3 MILS D. THICKNESS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - WORKS WELL - STARTS TO GEL IN GUN IN LESS THAN 2 HRS - ROUGH FINISH AFTER CURE

PRODUCT: DEVOE MARINE CATHACOAT 304 BATCH NO.: DATE: 10/11/65

COLOR: GRAY LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C' DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 6 PSI

MOOD .

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X .	FAIR:	PODR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x		x	X
	SAGS AND RUNS:	X			
	CRACKING:				U
	UNIFORM COLDR:	X		X	X
	VARYING COLOR:				
	OTHER (DESCRIBE):				

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3.2 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 8 MILS
- E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES AND SPRAYS WELL SETTLES VERY QUICKLY IN HOSES AND POT MATERIAL WILL SETTLE IN HOSES IN LESS THAN 3 MIN

DATE: 12386 BATCH NO. : PRODUCT: DEVOE MARINE 201 EPOXY

ITEM COATED: 16 TATOR PANELS LOCATION: KSC COLOR: BUFF

PROFILE: OTHER: ZINC ABRASIVE: SURFACE PREPARATION SSPC:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: NOITIC IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

YES: X NO: TYPE: EPOXY QUANTITY: 10% THINNING REQUIRED APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

SHADE: X SUN: OUTSIDE: INSIDE SHOP: X A. ENVIRONMENTAL

CONDITIONS AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 20 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X POOR:	ı
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH:			
	DRANGE PEEL:	X	x	X
	OVERSPRAY:		v	x
	BUBBLES OR PINHOLES: SAGS AND RUNS:	X	X	^
	CRACKING:			
	UNIFORM COLOR:	X	X	X
	VARYING COLOR:			
	OTHER (DESCRIBE):			

WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3 MILS D. THICKNESS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 2 HR DRY THROUGH: 2 DAYS E. DRYING TIME METALLIC POLISH:

F. COMMENTS: MIXES WELL - BUBBLES BADLY - DID NOT DRY HARD OVERNIGHT

PRODUCT: DEVOE MARINE 230 EPOXY BATCH NO.: DATE: 1/23/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CF DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 20 PSI

FAIR: X

POOR:

AIR PRESSURE: 40 PSI

GOOD:

C. HANDLING PROPERTIES

1 ATOMIZATION

	HIUMIZHIIUM	GOOD:	I BILLY	POOR		
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL:	x	. x			x
	OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x	X			X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x			X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 8.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES WELL - NEEDS THINNING TO SPRAY - DOES NOT BUBBLE BADLY

PRODUCT: DEVOE MARINE 239 URETHANE BATCH NO.: DATE: 1/24/86

COLOR: HHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

> B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND CORTING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

B. EQUIPMENT USED AIRLESS: TYPE:

> TIP: AIRMOTOR PRESSURE: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

CONDITIONS

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X	×		x
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x		x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 5.1 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: DVERNIGHT METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL

PRODUCT: DEVOE MARINE 249 URETHANE BATCH NO.: DATE: 1/24/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CC DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

FAIR:

Х

POOR:

X

AIR PRESSURE: 40 PSI

GOOD: X

C. HANDLING PROPERTIES

1. ATOMIZATION

2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM SMOOTH W/ FAIR FLOW: X X

FAIRLY SMOOTH: ORANGE PEEL:

OVERSPRAY:

BUBBLES OR PINHOLES:

SAGS AND RUNS:

CRACKING:

UNIFORM COLOR: X

VARYING COLOR:

OTHER (DESCRIBE):

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 6.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL

PRODUCT: DEVDE PRUFCOAT Z. P. 500 BATCH NO.: DATE: E/E//GE

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

CODITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

CONDITIONS

1.	ATOMIZATION	GOOD:	FAIR: X POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	` x	x	X
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	x	x	x
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x .	x	x

- D. THICKNESS WET FILM (AVERAGE): 4 MILS DRY FILM (AVERAGE): 1.4 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 2 HRS
 METALLIC POLISH: DVERNIGHT
- F. COMMENTS: SPRAYS FAIR MIX SETTLES BADLY SETTLES IN POT WITH MIXER RUNNING ONE PASS WILL NOT BUILD TO SPEC WITHOUT RUNNING

PRODUCT: DEVDE PRUFCOAT 545 EPOXY BATCH NO.: DATE: 4/9/86

COLOR: GRAY LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CF DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: T10 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X QUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 80 OTHER:

Part Carrie to F. Carrier Co. Carrier Co.

B. EQUIPMENT USED AIRLESS: TYPE:

RATID: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	. ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	. COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	x
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×		X	x

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 4.8 MILS
MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - NEEDS THINNING TO SPRAY - DOES NOT WORK AS WELL AS 547

PRODUCT: DEVOE PRUFCOAT 547 EPOXY BATCH NO.: DATE: 4/9/86

COLOR: RED LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CF DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: T10 QUANTITY: 5%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 80 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

FAIR:

POOR:

AIR PRESSURE: 40 PSI

GOOD: X

C. HANDLING PROPERTIES

1. ATOMIZATION

OTHER (DESCRIBE):

2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM X Х SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: DRANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: X Х X UNIFORM COLOR: VARYING COLOR:

D. THICKNESS WET FILM (AVERAGE): 9 MILS DRY FILM (AVERAGE): 7.6 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT
 METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL BUILDS WELL EASY CLEAN UP

DATE: 4/10/8:

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOX

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

NTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: T9 QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 74 %RH: 80 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1. ATOMIZATION GOOD: X FAIR: POOR: 2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: X Χ ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: X SAGS AND RUNS: CRACKING: UNIFORM COLOR: Х X VARYING COLOR: Х OTHER (DESCRIBE):

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 5.8 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS EXCELLENT

The second second second

PRODUCT: DEVOE PRUFCOAT 359 URETHANE BATCH NO.: DATE: 4/10/86

COLOR: WHITE LOCATION: KSC ITEM COATED: A TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CC 'ITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

ΙN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

> EASY: DIFFICULT: B. MIXING - MECHANICAL

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

B. EQUIPMENT

AIRLESS: TYPE: USED

> RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
٤.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X		x	x
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	X

WET FILM (AVERAGE): DRY FILM (AVERAGE): 7.3 MILS D. THICKNESS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS EXCELLENT

PRODUCT: DUPONT GANICIN 347-Y-931 BATCH NO.: DATE: 2/13/85

COLOR: BRAY-GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C' DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: TY3826 QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 80 SURFACE TEMP: 70 XRH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	G08D:	FAIŔ: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	ERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	X	x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	×	x

- D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 5.6 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 12 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 15 MILS
- E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 4 HRS
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES WELL HEAVY BODIED BUILDS TOO FAST STILL TOO HEAVY WHEN THINNED 10%

PRODUCT: DUPONT 823BB EPOXY BATCH NO.: DATE: 3/5/86

COLOR: GRAY LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: QTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

B. EQUIPMENT
USED AIRLESS:

.

RATIO:

TYPE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

TIP:

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIRMOTOR PRESSURE:

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH; ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x		x .	x
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	x

D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 2 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - MIST COAT REQUIRED TO REDUCE BUBBLING

PRODUCT: DUPONT 823HD EPOXY BATCH NO.: DATE: 3/5/86

COLOR: GRAY LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

O DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN
CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: TY3871 QUANTITY: 15%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATID: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 12 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	600D:	FAIR: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNE	RS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x	x	х
	BUBBLES OR PINHOLES: SAGS AND RUNS:	X		
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x	x	x

D. THICKNESS WET FILM (AVERAGE): 9 MILS DRY FILM (AVERAGE): 4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - MUST MIST COAT TO REDUCE BUBBLING

PRODUCT: DUPONT 326 URETHANE BATCH NO.: DATE: 3/6/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 12 PSI

AIR PRESSURE: 55 PSI

C. HANDLING PROPERTIES

ATOMIZATION .	GOOD: X	FAIR:		POOR:	
COATING APPEARANCE	FLAT AREAS		& CORNE	RS WELD	SEAM
SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BURBLES OR PINHOLES:	X .		X		x
SAGS AND RUNS:	X		X		X
CRACKING:			v		x
VARYING COLOR:	X				^
	COATING APPEARANCE SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: UNIFORM COLOR:	COATING APPEARANCE FLAT AREAS SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: X CRACKING: UNIFORM COLOR: X VARYING COLOR:	COATING APPEARANCE FLAT AREAS ANGLES SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: X CRACKING: UNIFORM COLOR: X VARYING COLOR:	COATING APPEARANCE FLAT AREAS ANGLES & CORNE SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: X CRACKING: UNIFORM COLOR: X VARYING COLOR:	COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SMOOTH W/ FAIR FLOW: X X FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: X X CRACKING: UNIFORM COLOR: X X VARYING COLOR:

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.2 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT
 METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL RUNS AND SAGS AT 5 MILS WET

PRODUCT: DUPONT 369HB URETHANE BATCH NO.: DATE: 3/6/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CC DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 40 DTHER:

B. EQUIPMENT

USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 15 PSI

FAIR: X

POOR:

· AIR PRESSURE: 55 PSI

GOOD :

'C. HANDLING PROPERTIES

1. OTOMIZATION

1.	A UNIZA IUN	8002:	FRANK A	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNER	S WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X	x	x
	SAGS AND RUNS: CRACKING:	X	X	x
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X	X	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 6 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - REQUIRED WET FILM WILL RUN

PRODUCT: ENGARD 519 ZINC BATCH NO.: DATE: 4/4/86

COLOR: RED LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C DITION A. SETTLING - YES: NO: X SOFT: HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 74 XRH: 50 OTHER:

B. EQUIPMENT
USED AIRL

AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	600D:	FAIR: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	ERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x	x	x
	CRACKING:		×	
	UNIFORM COLOR: VARYING COLOR:	x	x	×

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3.8 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 40 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 6 MILS
- E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 2 HRS
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES WELL SPRAYS FAIR DRIES FAST EASY CLEAN UP

DATE: 4/24/86 BATCH NO.: PRODUCT: ENGARD 1447 EPOXY

LOCATION: KSC ITEM COATED: 16 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: ZINC SURFACE PREPARATION SSPC: ABRASIVE:

DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X GUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 74 %RH: 40 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> TIP: AIRMOTOR PRESSURE: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 20 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	x		x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR:	×	x		x

DRY FILM (AVERAGE): 6.5 MILS D. THICKNESS WET FILM (AVERAGE):

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT METALLIC POLISH:

F. COMMENTS: MIXES WELL - THINNING A MUST FOR SPRAYING - SLOW CURING

PRODUCT: ENGARD 428 URETHANE BATCH NO.: DATE: 4/25/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

C DITION . A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 38 QUANTITY: 15%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X DUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 74 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 20 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & COR	NERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	x	x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	×	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 7 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - VERY HEAVY BODIED - SLOW CURING

PRODUCT: ENGARD 449 URETHANE BATCH NO.: DATE: 4/25/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

DOITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 38 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X GUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 74 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 15 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

CONDITIONS

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X	x		x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR:	x	x		X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 6 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 3 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: PART B REQUIRED SHAKING - SPRAYS FAIR - VERY HEAVY BODIED HARD TO CLEAN GUN AFTER ONE HOUR

BATCH NO.: PRODUCT: GLIDDEN 5530/5531

LOCATION: KSC ITEM COATED: 22 TATOR PANELS CULOR: GREEN

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 2 OTHER:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: NOITIC

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 5538 QUANTITY: 3 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 80 SURFACE TEMP: SAME *RH: OTHER:

DATE: 8/20/85

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

CONDITIONS

i.	ATOMIZATION	GDOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X .		x	×
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	x

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.95 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 30 MILS
 - MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 7 MILS
- DRY TO TOUCH: 10 MIN DRY THROUGH: 30 MIN E. DRYING TIME METALLIC POLISH: 1.5 HR
- F. COMMENTS: SPRAYS WELL NO SETTLING DRIES FAST WORKS WELL

PRODUCT: GLIDDEN 5536/5537 BATCH NO.: DATE: 8/16/85

COLOR: GREEN LOCATION: KSC ITEM COATED: 22 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C. DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN
CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 85 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	G00D: X	FAIR:	PUUR:	
2.	COATING APPEARANCE	FLAT AREAS		& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: DRANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 5 MILS
- E. DRYING TIME DRY TO TOUCH: 10 MIN DRY THROUGH: 30 MIN METALLIC POLISH: 1.5 HR
- F. COMMENTS: SPRAYS WELL DOES NOT SETTLE MUCH VERY THIN DRIES FAST

PRODUCT: GLIDDEN 5461 EPOXY BATCH NO.: DATE: 9/3/85

COLOR: RED LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: MEK QUANTITY: 10 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 75 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUF

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 38 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X POOR	;
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	X	X
	BUBBLES OR PINHOLES:	X		
	SAGS AND RUNS:	X	X	
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	×

- D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 5.5 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 4 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 2 HR DRY THROUGH: 4 HR METALLIC POLISH:
- F. COMMENTS: SPRAYS WELL WHEN THINNED RUNS

PRODUCT: GLIDDEN 5555 EPOXY BATCH NO.: DATE: 9/3/85

COLOR: GRAY LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C(ITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: MEK QUANTITY: 10 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 75 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

0000-

AIR PRESSURE: 38 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X	PUUR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	ERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	X	x
	BUBBLES OR PINHOLES:	X		
	SAGS AND RUNS:	X	X	
	CRACKING:			
	UNIFORM COLOR:	X	X	X
	VARYING COLOR:			
	OTHER (DESCRIBE):			

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 11.77 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 8 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HR DRY THROUGH: 6 HR

METALLIC POLISH:

F. COMMENTS: SPRAYS WELL - BUILDS WITH 5 MINUTES BETWEEN PASSES

PRODUCT: GLIDDEN 6252 URETHANE BATCH NO.: DATE: 9/4/85

COLOR: WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

C)ITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: MEK QUANTITY: 5 %
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X QUTSIDE: SHADE: X SUN:
CONDITIONS

AIR TEMP(F): 75 SURFACE TEMP: SAME *RH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 6PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	. POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X		x	X
	SAGS AND RUNS: CRACKING:	X			
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	X

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.5 MILS
MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: 4 HR
METALLIC POLISH:

F. COMMENTS: SPRAYS WELL - RUNS - BUILDS WITH 5 MINUTES BETWEEN PASSES

PRODUCT: GLIDDEN H-B URETHANE BATCH NO.: DATE: 9/4/85

COLOR: OFF-WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

C)ITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X'NO: TYPE: MEK QUANTITY: 10 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 75 SURFACE TEMP: SAME %RH: OTHER:

9. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: PSI

FAIR: X

POOR:

AIR PRESSURE: PSI

GOOD:

C. HANDLING PROPERTIES

1. ATOMIZATION

2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM

SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH:

AIRLY SMOOTH: X X X

ORANGE PEEL: OVERSPRAY:

BUBBLES OR PINHOLES:

SAGS AND RUNS:

CRACKING:

UNIFORM COLOR: X X X

VARYING COLOR: OTHER (DESCRIBE):

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 5.8 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - COVERS WELL

PRODUCT: INTERNATIONAL QHA027 ZINC BATCH NO.: DATE: 10/28/85

COLOR: GRAY LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C)ITION A. SETTLING - YES: X NO: SOFT: HARD: X OTHER: IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 78 XRH: 50 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	GOOD: X	FAIR:	POOR;	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	x		x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR:	x	. x		x

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 5 MILS
- E. DRYING TIME DRY TO TOUCH: 15 MIN DRY THROUGH: 1 HR
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: LIQUID HAD SETTLED HARD IN CAN MIX SETTLED QUICKLY SPRAYS WELL DRIES FAST DOES NOT RUN

PRODUCT: INTERNATIONAL 745 EPOXY BATCH NO.: DATE: 1/27/86

COLOR: GRAY LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	.POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 4.3 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL NO BUBBLING

PRODUCT: INTERNATIONAL EXACOS EPOXY BATCH NO.: DATE: 1/27/86

LOCATION: KSC COLOR: WHITE ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: CC 'ITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

B. EQUIPMENT AIRLESS: TYPE: USED

> TIP: AIRMOTOR PRESSURE: RATID:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 36 PSI

.C. HANDLING PROPERTIES

CONDITIONS

1.	ATOMIZATION	GOOD:	FAIR: X POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	X .	X
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X	X	x
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X	X	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 7 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - BUBBLES BADLY - SLOW CURING

PRODUCT: INTERNATIONAL TAA423 EPOXY BATCH NO.: DATE: 1/28/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 74 SURFACE TEMP: 74 %RH: 35 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATID: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
٤.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X		X	X
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X		X	X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	X

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 6 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - MIST COAT REQUIRED TO REDUCE BUBBLING 1 HR REQUIRED FOR MIST COAT TO SET - SLOW CURING

DATE: 1/29/86 PRODUCT: INTERNATIONAL PCBOOO URETHANE BATCH NO.:

LOCATION: KSC ITEM COATED: 8 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: EPOXY SURFACE PREPARATION SSPC: ABRASIVE:

DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 80 SURFACE TEMP: 80 %RH: 35 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS		& CORNERS .	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X -		×	X .
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	x

D. THICKNESS WET FILM (AVERAGE): 4 MILS DRY FILM (AVERAGE): 2 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - DRIES FAST - NO BUBBLING

PRODUCT: INTERNATIONAL PHBOOD URETHANE BATCH NO.: DATE: 1/29/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

DO DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x	X		x
	BUBBLES OR PINHOLES: SAGS AND RUNS:	X	×	•	x
	CRACKING: UNIFORM COLOR:	×	x		x
	VARYING COLOR: OTHER (DESCRIBE):				

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4.4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: DVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - BUBBLES BADLY EVEN OVER TIE COAT - SLOW CURING

PRODUCT: KOPPERS 701 ZINC BATCH NO.: DATE: 11/1/85

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: X NO: TYPE: 2000 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 80 SURFACE TEMP: 80 %RH: 80 DTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 30 PSI

AIR PRESSURE: 65 PSI

C. HANDLING PROPERTIES

1. ATOMIZATION GOOD: FAIR: POOR: X

2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM

SMOOTH W/ FAIR FLOW:

FAIRLY SMOOTH:

ORANGE PEEL: X X

OVERSPRAY:

BUBBLES OR PINHOLES:

SAGS AND RUNS:

CRACKING:

UNIFORM COLOR: X X X

VARYING COLOR:

OTHER (DESCRIBE):

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.1 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 12 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 10 MILS

E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 2 HRS

METALLIC POLISH: 3 HRS

F. COMMENTS: MIXES WELL - VERY HEAVY BODIED - DOES NOT SPRAY WELL AFTER 10: THINNING - NEED AIRLESS FOR SPRAYING

PRODUCT: KOPPERS 654 EPOXY

BATCH NO. :

DATE: 2/7/86

COLOR: RED

LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC:

ABRASIVE:

PROFILE: OTHER: ZINC

IN CONTAINER

DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

SEPARATION - YES: NO: X DESCRIPTION:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE:

QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL CONDITIONS

INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 74 SURFACE TEMP: 74 %RH: 50 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

TIP:

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 34 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR: X	PUUR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	IERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL:	×	x	x
	OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x	x	x
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	×	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 5.6 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - BUBBLES AT 5 MILS WET EVEN WITH MIST COAT

PRODUCT: KOPPERS HI GARD EPOXY BATCH NO.:

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 74 SURFACE TEMP: 74 %RH: 50 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 20 PSI

DATE: 2/7/86

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X POOR	:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL:	x	x	x
	OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x	x	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	×

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 13 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - VERY HEAVY BODIED - SLOW CURING

PRODUCT: KOPPERS 1122BRS URETHANE

BATCH NO.:

ひみてはる ピノエジノンジ

COLOR: WHITE

LOCATION: KSC

ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC:

PROFILE: OTHER: EPOXY

Cr DITION

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY:

DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

ABRASIVE:

THINNING REQUIRED YES: NO: X TYPE:

QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL CONDITIONS

INSIDE SHOP: X OUTSIDE:

SHADE: X SUN:

AIR TEMP(F): 74 SURFACE TEMP: 74 %RH: 50 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

TIP:

AIRMOTOR PRESSURE:

COOP-

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 34 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	60 0 D: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X		x	X
	SAGS AND RUNS:	X		X	X
	CRACKING:			u	x
	UNIFORM COLOR:	X		X	*
	VARYING COLOR:				
	OTHER (DESCRIBE):				

D. THICKNESS WET FILM (AVERAGE):

DRY FILM (AVERAGE): 2.4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 24 HRS DRY THROUGH: 4 DAYS E. DRYING TIME

METALLIC POLISH:

F. COMMENTS: MIXES WELL - RUNS AT 4 MILS WET - DOES NOT COVER WELL - VERY THIN - VERY SLOW DRY - TOOK 4 DAYS TO DRY THROUGH

PRODUCT: MOBIL/VALSPAR 13-F-12 ZINC BATCH NO.: DATE: 10/83/85

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C DITION A. SETTLING - YES: X NO: SOFT: HARD: X OTHER:
IN
CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

DECIDE LEGT 1904 A SECURE LADIA

B. MIXING - MECHANICAL EASY: DIFFICULT: X

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 7-T-35 QUANTITY: 5%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

O ENUIRONMENTO INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): BO SURFACE TEMP: BO %RH: 60 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GODD:	FAIR: X	POOR:	
∙2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x	x		x
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×	x	·	x

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.6 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 6 MILS
- E. DRYING TIME DRY TO TOUCH: 10 MIN DRY THROUGH: 1 HR
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: LIQUID HAD SETTLED HARD HARD TO MIX SPRAYS WELL WHEN THINNED DOES NOT RUN EASY CLEAN UP

DATE: 2/5/05 PRODUCT: MOBIL/VALSPAR 13-R-56 EPOXY BATCH NO.:

LOCATION: KSC ITEM COATED: B TATOR PANELS CULOR: RED

PROFILE: OTHER: ZINC SURFACE PREPARATION SSPC: ABRASIVE:

A. SETTLING - YES: NO: X SOFT: X HARD: DTHER: CC DITION

IN SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS AIR TEMP(F): 76 SURFACE TEMP: 76 %RH: 60 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> TIP: AIRMOTOR PRESSURE: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	600D: X.	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL:	x		x	x
	OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x		x .	×
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x		x	x

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 4.7 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT E. DRYING TIME METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL SMALL BUBLES EVEN WITH MIST COAT

PRODUCT: MOBIL/VALSPAR 78-W-3 EPOXY BA

BATCH NO.:

DATE: 2/5/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN'

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: EPOXY QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: 76 XRH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D: X	FAIR:	POOR:	. ′
2.	COATING APPEARANCE	FLAT AREAS	ANGLÈS (& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x .	;	×	x
	BUBBLES OR PINHOLES: SAGS AND RUNS:	X	:	x	×
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x	:	x	x
	OTHER (DESCRIBE):				

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 8.9 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - BUBBLES BADLY EVEN AFTER MIST COAT

PRODUCT: MOBIL/VALSPAR 40-W-9 URETHANE BATCH NO.: DATE: 2/6/66

LOCATION: KSC ITEM COATED: 8 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: EPOXY SURFACE PREPARATION SSPC: ABRASIVE:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: CC. 'DITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

B. EQUIPMENT AIRLESS: TYPE: USED

> TIP: AIRMOTOR PRESSURE: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	x	•	X	. X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4.9 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 1 HR DRY THROUGH: 4 HRS E. DRYING TIME METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - DRIES FAST

PRODUCT: MOBIL/VALSPAR 41-W-9 URETHANE BATCH NO.: DATE: 2/6/86

LOCATION: KSC ITEM COATED: 8 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: EPOXY ABRASIVE: SURFACE PREPARATION SSPC:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: C' DITION IN SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

INSIDE SHOP: X OUTSIDE: SHADE: X SUN: A. ENVIRONMENTAL CONDITIONS AIR TEMP(F): 76 SURFACE TEMP: 76 %RH: 60 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

CONTAINER .

POOR: GDOD: X FAIR: 1. ATOMIZATION 2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM Х Х SMOOTH W/ FAIR FLOW: X FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: X Х X UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):

WET FILM (AVERAGE): DRY FILM (AVERAGE): 4.9 MILS D. THICKNESS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: 4 HRS METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - DRIES FAST

PRODUCT: MOBIL/VALSPAR 83HB VINYL

BATCH NO.:

DHIEF CYCYCE

LOCATION: KSC ITEM COATED: 8 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: ZINC SURFACE PREPARATION SSPC: ABRASIVE:

COMMITTION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: 76 XRH: 60 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> TIP: AIRMOTOR PRESSURE: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 6.4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 4 HRS METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - DRIES FAST

PRODUCT: MOBIL/VALSPAR 22 VINYL BATCH NO.: DATE: 2/6/86

COLOR: GRAY LOCATION: KSC ITEM COATED: B TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: VINYL

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: 76 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATID: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORN	IERS WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: DRANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	. X	x	x
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 3.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 4 HRS

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - THINNING WOULD HELP - DRIES FAST

BHICH NO.:

- ビス・サー ・ しょうしょ ---

COLOR: GRAY-GREEN LOCATION: KSC ITEM COATED: 22 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

CONDITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 80 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 40

.C. HANDLING PROPERTIES

CONDITIONS

1	. ATOMIZATION	600D: X	FAIR:	POOR:	
8	COATING APPEARANCE	FLAT AREAS	ANGLÈS &	CORNERS (WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH:	x	X		x
	ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	×	X		x
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×	x		x

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3.69 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: OVER 40 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 15 MILS
- E. DRYING TIME DRY TO TOUCH: 1 MIN DRY THROUGH: 1 HR

 METALLIC POLISH: 2 HR
- F. COMMENTS: MIXES WELL SPRAYS WELL DRIES FAST WILL CAUSE OVERSPRAY - DOES NOT RUN TO OVER 40 MILS - BUILDS FAST -STAYS USABLE IN POT OVER 24 HOURS

PRODUCT: NAPKO 516 EPOXY

BATCH NO. :

ピー・ロ・コンシャルト

ITEM COATED: 9 TATOR PANELS LOCATION: KSC COLOR: RED

PROFILE: OTHER: ZINC ABRASIVE: SURFACE PREPARATION SSPC:

A. SETTLING - YES: X NO: SOFT: X HARD: OTHER: CC DITION

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

SHADE: X SUN: INSIDE SHOP: X OUTSIDE: A. ENVIRONMENTAL

CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: SAME *RH: OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
٤.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	x		X	X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		x	X

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 4.28 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 15 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- DRY TO TOUCH: 1 HR DRY THROUGH: 6 HR E. DRYING TIME METALLIC POLISH:
- F. COMMENTS: SPRAYS WELL MIXED WELL DRIED FAIRLY FAST BUILT TO SPEC IN 2 PASSES

SURFACE PREPARATION SSPC:

BHICH NO.:

DATE: 9/5/65

PROFILE: OTHER: ZINC

COLOR: GRAY LOCATION: KSC ITEM COATED: 9 TATOR PANELS

CONDITION A. SETTLING - YES: X NO: SQFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

ABRASIVE:

. TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:		
2.	COATING APPEARANCE	FLAT AREAS	ANGLÈS &	CORNERS W	ELD 9	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	x	x		2	x
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	×	x		;	×
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x		:	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 10.1 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: HARD TO SPRAY - RUNS - SLOW DRY - 2 PASSES WITH 10 MIN WAIT

カー・ド コノロノウン BATCH NO.: PRODUCT: NAPKO 290 URETHANE

LOCATION: KSC ITEM COATED: 9 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: EPOXY ABRASIVE: SURFACE PREPARATION SSPC:

A. SETTLING - YES: X NO: SOFT: X HARD: OTHER: CCLIDITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 42 QUANTITY: 5 % APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

SHADE: X SUN: INSIDE SHOP: X OUTSIDE: A. ENVIRONMENTAL

AIR TEMP(F): 76 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 6 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

CONDITIONS

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		x	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

- WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.33 MILS D. THICKNESS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 2 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- DRY TO TOUCH: 1 HR DRY THROUGH: 4 HR E. DRYING TIME METALLIC POLISH:
- F. COMMENTS: SPRAYS WELL BUILDS TO SPEC IN ONE PASS NEEDS A LITTLE THINNER

DHIE: 3/6/6-BATCH NO. : PRODUCT: NAPKO 295 URETHANE

ITEM COATED: 9 TATOR PANELS LOCATION: KSC COLDR: WHITE

PROFILE: OTHER: EPOXY ABRASIVE: SURFACE PREPARATION SSPC:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: CCייסITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTRINER

> EASY: DIFFICULT: B. MIXING - MECHANICAL

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 42 QUANTITY: 5 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

OUTSIDE: SHADE: X SUN: INSIDE SHOP: X A. ENVIRONMENTAL

CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: SAME XRH: OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: RATIO: TIP:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 6 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	800D: X	FAIR:	P00R:	•
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X		X	X
	SAGS AND RUNS:	x		X	X
	CRACKING:	x		x	x
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	^		^	^

DRY FILM (AVERAGE): 15.77 MILS WET FILM (AVERAGE): D. THICKNESS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 2 HR DRY THROUGH: OVERNIGHT E. DRYING TIME

METALLIC POLISH:

F. COMMENTS: MIXED WELL - SPRAYS WELL AFTER ABOUT 5 % THINNING - TAKES 2 PASSES TO BRING TO SPEC

PRODUCT: PORTER ZINC-LOCK 311

BATCH NU.:

以来では、これにしょうこ

ITEM COATED: 30 TATOR PANELS LOCATION: KSC COLOR: CRAY

SURFACE PREPARATION SSPC: SPS ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: CONDITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

> DIFFICULT: EASY: B. MIXING - MECHANICAL

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

INSIDE SHOP: X OUTSIDE: SHADE: X SUN: A. ENVIRONMENTAL

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 70 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR: X POOR:	i.
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	X	x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	×

- D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 5 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 10 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 15 MILS
- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 2 HRS METALLIC POLISH: 3 HRS
- F. COMMENTS: MIXES WELL SPRAYS FAIR DOES NOT FLOW WELL BUILDS HEAVY EASY CLEAN UP - MATERIAL SETTLED UNDER AGITATOR

PRODUCT: PORTER MCR-43 EPOXY

BATCH NO.:

DATE: 3/10/00

COLOR: WHITE

LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE:

CC. DITION

CONTAINER

PROFILE: OTHER: ZINC

IN

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: T15 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X CUTSIDE:

SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 60 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

TIP:

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

i.	ATOMIZATION	GOOD:	FAIR: X POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL:	x	x	×
	OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X .	×	. X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	x

DRY FILM (AVERAGE): 3.6 MILS D. THICKNESS WET FILM (AVERAGE):

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 1 HR DRY THROUGH: DVERNIGHT E. DRYING TIME

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - BUBBLES EVEN WITH MIST COAT

PRODUCT: PORTER MAGNA-GLASS 77 EPDXY BATCH NO.: DHIE: 3/14/50

COLOR: GREEN LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

COMDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: X NO: TYPE: T5 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 80 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 25 PSI

AIR PRESSURE: 30 PSI

C. HANDLING PROPERTIES

1.	ATDMIZATION	G00D:	FAIR:	POOR: X	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & COR	NERS WELD S	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH:				
	ORANGE PEEL:	X	x	X	
	OVERSPRAY:	x	x	x	
	BUBBLES OR PINHOLES: SAGS AND RUNS:	^	^	^	
	CRACKING:				
	UNIFORM COLOR:	X	X	X	
	VARYING COLOR:				
	OTHER (DESCRIBE):				

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 20 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 4 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: HARD TO MIX BY HAND - HARD TO SPRAY - VERY HEAVY BODIED - SHOULD SPRAY WITH AIRLESS - SLOW CURING

PRODUCT: PORTER 4610 URETHANE

BATCH NU.:

2m; = . - . . - .

COLUR: WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

" TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 60 DTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 30 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

CONDITIONS

GOOD: X FAIR: FOOR: 1. ATOMIZATION 2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM Х Х X SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: Х X UNIFORM COLOR: VARYING COLOR:

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 2.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 2 HRS

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - EASY CLEAN UP - COVERS WELL - HIGH GLOSS - DRIES FAST PRODUCT: PORTER 8610 URETHANE BATCH NO.: DATE: 3/17/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: T24 QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

APPLICATION CONDITIONS AND CORTING PROPERTIES THE SHIP CONTRACTOR

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 15 PSI

AIR PRESSURE: 30 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	GDOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS		& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	, X
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x		x	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - BUILDS FAST - NEEDS MORE THINNING EASY CLEAN UP

LOCATION: KSC ITEM COATED: 22 TATOR PANELS COLOR: BRICK RED

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

A. SETTLING - YES: X NO: SOFT: X HARD: OTHER: CCייDITION

IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT: X

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 80 SURFACE TEMP: SAME %RH: DTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATID:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X		x	x
	SAGS AND RUNS: CRACKING:	×		X	X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

- WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.65 MILS D. THICKNESS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 2 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 3.5 MILS
- DRY TO TOUCH: 30 MIN DRY THROUGH: 2 HR E. DRYING TIME METALLIC POLISH: 4 HR
- F. COMMENTS: CAN NOT GET 3 MILS IN ONE PASS MIXES WELL RUNS BADLY -SKINS OVER IN CUP AFTER 15 MIN - GET A LOT OF DRY SPRAY

PRODUCT: PPG 97-3 EPOXY

BATCH NO. :

DHIE: フィン・レン

COLOR: GRAY

LOCATION: KSC

ITEM COATED: 6 TATOR PANELS

SURFACE PREPARATION SSPC:

PROFILE: OTHER: ZINC

CONDITION

CONTAINER

ABRASIVE:

IN

A. SETTLING - YES: X NO: SOFT: X HARD:

OTHER:

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL

EASY:

DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL CONDITIONS

INSIDE SHOP: X DUTSIDE:

TIP:

SHADE: X SUN:

AIR TEMP(F): 76 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATID:

AIRMOTOR PRESSURE:

POOR:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 6 PSI

FAIR:

AIR PRESSURE: 36 PSI

COOD. Y

C. HANDLING PROPERTIES

ATOMIZATION

1. BIUMIZHIIUN	GOOD: x	LHIKE	POOK:	
2. COATING APPEARANCE	FLAT AREAS	ANGLES & CO	DRNERS WELD SEA	M
SMOOTH W/ FRIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	x	X	
BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	×		•	
UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×	x	X	

WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.58 MILS D. THICKNESS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 1.5 HR DRY THROUGH: 4 HR E. DRYING TIME

METALLIC POLISH:

F. COMMENTS: SPRAYS WELL - MIST COAT FLASHES IN 5 MINUTES THEN FULL COAT -LITTLE BUBBLES

DHION NO

#m:=: 2/2/2-

PROFILE: OTHER: ZINC

COLOR: WHITE LOCATION: KSC ITEM COATED: 6 TATOR PANELS

CONDITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER: IN

COM CAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: JIFFY MIXER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 97-725 QUANTITY: 5 %
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 76 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

SURFACE PREPARATION SSPC: ABRASIVE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 6 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR: X POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLÈS & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	x	X
	BUBBLES OR PINHOLES: SAGS AND RUNS:	X		
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x	x	×
	OTHER (DESCRIBE):			

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 7.25 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HR DRY THROUGH: 4 HR
METALLIC POLISH:

F. COMMENTS: NEEDS THINNING - DRIES SLOW - ORANGE PEEL

SURFACE PREPARATION SSPC:

PROFILE: OTHER: ZINC

COLOR: GRAY

LOCATION: KSC ITEM COATED: 6 TATOR PANELS

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONDITION IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

DIFFICULT: B. MIXING - MECHANICAL EASY:

ABRASIVE:

TYPE MIXER BLADE:

DIFFICULT: HAND MIXING PROPERTIES EASY: X

THINNING REQUIRED YES: X NO: TYPE: ZYLOL QUANTITY: 10 %

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

SHADE: X SUN: A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE:

CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: SAME %RH: DTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 36 PSI

'C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	G00D:	FAIR:	POOR:	X
2.	COATING APPEARANCE	FLAT AREAS	ANGLĖS &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	X	:	×
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR:	x	>	•	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 13.47 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: VERY HEAVY - NEEDS THINNING - SLOW DRY - HARD TO SPRAY - DOES NOT RUN

PRODUCT: PPG 97-812 URETHANE BATCH NO.: DATE: 9/10/65

COLOR: WHITE LOCATION: KSC ITEM COATED: 18 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EFOXY

CT DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS

AIR TEMP(F): 76 SURFACE TEMP: SAME %RH: OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
-	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	, X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		X	X

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 6.61 MILS
MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: 4 HR
METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - NO RUNS AT SPEC

PRODUCT: RELIANCE REL-ZINC 100 BHIL

BHIUM NU.

#m:=: #: ==

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

COMDITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X DUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 80 SURFACE TEMP: 74 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 45 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR	ł:
٤.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	×		x	x

- D. THICKNESS WET FILM (AVERAGE): 7 MILS DRY FILM (AVERAGE): 5 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: 2 HRS
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES AND SPRAYS WELL WORKS WELL EASY CLEAN UP

PRODUCT: RELIANCE REL-PON 59ZP EPOXY BATCH NO.: DATE: 0/2//00

COLOR: CED LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CC'DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: SA65 QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 76 SURFACE TEMP: 70 %RH: 80 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		x	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		X	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 2.6 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 2 HRS

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - NO BUBBLING - DRIES FAST

PRODUCT: RELIANCE REL-PON 70 EPOXY

BATCH NO.:

DHIEL CALLUS

CCLOR: WHITE

LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE:

PROFILE: OTHER: ZINC

CCMDITION

ΙN

CONTAINER

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: S74 QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE:

SHADE: X SUN:

AIR TEMP(F): 76 SURFACE TEMP: 70 %RH: 80 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

TIP:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 40 PSI

"C. HANDLING PROPERTIES

1	L. ATOMIZ	ATION	600D:	FAIR: X	POOR:
3	2. COATIN	IG APPEARANCE	FLAT AREAS	ANGLES & CORN	iers weld seam
	FAIRLY DRANGE OVERSA BUBBLE SAGS A	S OR PINHOLES: AND RUNS:	X	X	X .
	VARYIN	.NG: RM CDLOR: IG COLOR: (DESCRIBE):	x	x	x

D. THICKNESS WET FILM (AVERAGE): 9 MILS DRY FILM (AVERAGE): 6.9 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT E. DRYING TIME

METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - VERY HEAVY BODIED - THINNED MIST COAT 40% - NO BUBBLING

PRODUCT: RELIANCE 300 URETHANE

BHICH NO. :

COLOR: WHITE

LOCATION: KSC

ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE:

PROFILE: OTHER: EPOXY

CONDITION

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 76 SURFACE TEMP: 70 %RH: 80 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

TIP:

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	PODR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	. x		x .	X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	X

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 4 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL A LITTLE HEAVY COVERS WELL

PRODUCT: RELIANCE 320 URETHANE BATCH NO.: DATE: 6/9/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CT DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN
CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

FAIR:

POOR:

AIR PRESSURE: 40 PSI

GOOD: X

C. HANDLING PROPERTIES

1. ATOMIZATION

VARYING COLOR: OTHER (DESCRIBE):

CONDITIONS

2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM

SMOOTH W/ FAIR FLOW:
FAIRLY SMOOTH: X X X

GRANGE PEEL:
OVERSPRAY:
BUBBLES OR PINHOLES:
SAGS AND RUNS:
CRACKING:
UNIFORM COLOR: X X X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 9.7 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - BUILDS FAST - EASY CLEAN UP - LOOKS A LITTLE ROUGH

PRODUCT: RUSTOLEUM 5686 ZINC BATCH NO.: DATE: 3/13/86

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 50 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GDOD:	FAIR: X	POUR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORM	NERS WELD	SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X	x	x	
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X	x	X	

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3.3 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 9 MILS
- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 3 HRS
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES AND SPRAYS WELL SETTLES QUICKLY NO CRACKING

PRODUCT: RUSTOLEUM 9373 EPOXY BATCH NO.: DATE: 4/15/86

COLOR: GRANGE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CC'DITION A. SETTLING - YES: NO: X_SOFT: X HARD: OTHER:
IN

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 50 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 3 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOÓD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS		& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X		X	X
	BUBBLES OR PINHOLES: SAGS AND RUNS:	X	,		
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	·	x	X

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 2.5 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:
- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 1 HR METALLIC POLISH:
- F. COMMENTS: MIXES WELL SPRAYS EXCELLENT

PRODUCT: RUSTOLEUM 9582 EPOXY

BATCH NU.:

DHIE: 4/10/00

COLOR: GRAY LOCATION: KSC ITEM COATED: 6 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 160 QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 50 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR: X PO	DR:
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: DRANGE PEEL: OVERSPRAY:	X	. X	x
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X		•
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x .	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 11 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - SLOW CURING

PRODUCT: RUSTOLEUM A95-1501 EPOXY BATCH NO.:

COLOR: ALUMINUM LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

COMPLITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 160 QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 50 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1	L. ATOMIZATION	GOOD:	FAIR: X POOR	:
2	2. COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	X	X.
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X		
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	×	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 13.8 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT METALLIC POLISH:

F. COMMENTS: MIXES WELL - SPRAYS FAIR - HEAVY BODIED - NEED 2 PASSES TO GET MILLAGE - LESS BUBBLING WITH UNTHINNED MIST COAT

PRODUCT: RUSTOLEUM 9400 URETHANE BATCH NO.: DATE: 4/16/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 24 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

CC DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X DUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

AIR PRESSURE: 34 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	COOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS		& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		x	X

D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3.3 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: 3 HRS

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - COVERS WELL - WORKS VERY WELL

PRODUCT: SHERWIN-WILLIAMS POLANE BATCH NO.: DATE: 1/31/85

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: POLANE QUANTITY: 5%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X DUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): BO SURFACE TEMP: 80 %RH: 50 DTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 28 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	×		X	x
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		x	x

D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 2.4 MILS
MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 3 HRS DRY THROUGH: OVERNIGHT
METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - LOOKS GOOD

PRODUCT: SHERWIN-WILLIAMS B65WW1

BATCH NO.:

DATE: 1/31/00

COLOR: WHITE

LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE:

PROFILE: OTHER: EPOXY

ΪN

CETTION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL

EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 58 QUANTITY: 10% APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 80 SURFACE TEMP: 80 %RH: 50 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
s.	COATING APPEARANCE	FLAT AREAS		& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: DRANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x		X	X

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 4 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

- E. DRYING TIME DRY TO TOUCH: 3 HRS DRY THROUGH: OVERNIGHT METALLIC POLISH:
- F. COMMENTS: MIXES AND SPRAYS WELL

PRODUCT: SHERWIN-WILLIAMS ZINC CLAD BATCH NO.: DATE: 10/28/8:

COLOR: GRAY LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C' DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 74 SURFACE TEMP: 74 %RH: 50 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 8 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	GDOD: X	FAIR:	ſ	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNE	RS WELD SEA	àМ
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	×		X	x	-
	CRACKING:			X	×	
	UNIFORM COLOR: VARYING COLOR:	×		X	X	

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 3.7 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 6 MILS
- E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 2 HRS
 METALLIC POLISH: DVERNIGHT
- F. COMMENTS: MIXES AND SPRAYS WELL SLIGHT MUDCRACKING EASY CLEAN UP

PRODUCT: SHERWIN-WILLIAMS TILE CLAD II BATCH NO.: DATE: 1/30/66

LOCATION: KSC ITEM COATED: 8 TATOR PANELS COLOR: RED

PROFILE: OTHER: ZINC SURFACE PREPARATION SSPC: ABRASIVE:

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: CC DITION IN

SEPARATION - YES: NO: X DESCRIPTION: CONTAINER

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 54 QUANTITY: 5% APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

SHADE: X SUN: INSIDE SHOP: X OUTSIDE: A. ENVIRONMENTAL CONDITIONS AIR TEMP(F): 74 SURFACE TEMP: 74 %RH: 50 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X		x	X
	BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X	X
	CRACKING: UNIFORM COLDR: VARYING COLOR: OTHER (DESCRIBE):	X		x	X

D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 2.5 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT E. DRYING TIME METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - SMALL BUBBLES

PRODUCT: SHERWIN-WILLIAMS BESWA1 EPOXY BATCH NO.: DATE: 1/30/86

COLUR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

CONDITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 54 QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

B. EQUIPMENT USED

CONDITIONS

AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

1.	ATOMIZATION	GOOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL:	x		x	X
	OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		X .	X
	CRACKING: UNIFORM COLOR: VARYING COLOR:	x		x	x

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 7.4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - THINNED MIST COAT 100%

PRODUCT: SIGMA 7551 ZINC BATCH NO.: DATE: 2/21/86

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C'DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 70-01 QUANTITY: 5%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

B. EQUIPMENT SEED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GOOD:	FAIR: X	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES (& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	X)	X	. x
	SAGS AND RUNS: CRACKING:				X
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	:	×	X

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3.4 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 10 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 6 MILS
- E. DRYING TIME DRY TO TOUCH: 30 MINS DRY THROUGH: 4 HRS
 METALLIC POLISH: 4 HRS
- F. COMMENTS: MIXES WELL SPRAYS FAIR SETTLES BADLY SETTLES UNDER AGITATOR IN LESS THAN 20 MIN

PRODUCT: SIGMA 5434 EPOXY

BATCH NO. :

DATE: 3/26/86

COLOR: BRAY

CONTAINER

LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC:

PROFILE: OTHER: ZINC

ABRASIVE:

IN

DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 91-92 QUANTITY: 10%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 40 DTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATID:

TIP:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 36 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GODD: X	FAIR:	FOOR:	,
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	, x		X	X .
	BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	· X			
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		X	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 2.5 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 2 HRS DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - THINNED 25% FOR MIST COAT - BUBBLES

DATE: 3/2//06 BATCH NO.: PRODUCT: SIGMA 7523 URETHANE

LOCATION: KSC ITEM COATED: 16 TATOR PANELS COLOR: WHITE

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: C DITION

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS

AIR TEMP(F): 78 SURFACE TEMP: 70 %RH: 80 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 FSI

POOR:

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

OTHER (DESCRIBE):

FAIR: GOOD: X 1. ATOMIZATION ANGLES & CORNERS WELD SEAM 2. COATING APPEARANCE FLAT AREAS Х Х Х SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: Х X Х UNIFORM COLOR: VARYING COLOR:

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - A FEW SMALL BUBBLES ON SOME PANELS -LOOKS GOOD

PRODUCT: SUBOX GALVANOX V ZINC BATCH NO.: DATE: 2/14/86

COLOR: GREEN LOCATION: KSC ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SP5 ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

C DITION A. SETTLING - YES: X NO: SOFT: X HARD: OTHER: IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANIČAL EASY: X DIFFICULT:

TYPE MIXER BLADE: 3 BLADE PNEUMATIC

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: ZINC QUANTITY: 5%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 80 SURFACE TEMP: 72 %RH: 60 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

;	1.	ATOMIZATION	GOOD:	FAIR: X FOOR:	
â	2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
		SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING:	X	x	X
		UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	X

- D. THICKNESS WET FILM (AVERAGE): 6 MILS DRY FILM (AVERAGE): 4.3 MILS

 MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 12 MILS
- E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: 2 HRS
 METALLIC POLISH: OVERNIGHT
- F. COMMENTS: MIXES WELL SPRAYS FAIR HEAVY NEEDS A LITTLE THINNER

PRODUCT: SUBOX GALVANOX IV ZINC

BATCH NO.:

DATE: 3/25/86

COLOR: GREEN

LOCATION: KSC

ITEM COATED: 30 TATOR PANELS

SURFACE PREPARATION SSPC: SPS ABRASIVE: S. SAND PROFILE: 1.5 OTHER:

DITION

A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: ZINC QUANTITY: 15%

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

CONDITIONS

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:

AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER:

B. EQUIPMENT USED

AIRLESS: TYPE:

RATIO:

AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 AGITATED CUP

TIP:

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 15 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	. ATOMIZÁTION	GOOD:	FAIR: X POÓR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES:	x	x	x
	SAGS AND RUNS: CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	x	x	x

- D. THICKNESS WET FILM (AVERAGE): 5 MILS DRY FILM (AVERAGE): 3.1 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: 10 MILS MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: 4 MILS
- E. DRYING TIME DRY TO TOUCH: 20 MIN DRY THROUGH: 2 HRS

METALLIC POLISH: OVERNIGHT

F. COMMENTS: HARD TO GET THINNER TO MIX - SKINS OVER FAST - DOES NOT SETTLE BADLY - EASY CLEAN UP

PRODUCT: SUBOX CAPOX A8051 EPOXY BATCH NO.: DATE: 4/2/86

COLOR: RED LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

C 'DITION A. SETTLING - YES: X NO: SOFT: HARD: X OTHER: IN

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: X DIFFICULT:

TYPE MIXER BLADE: SHAKER

HAND MIXING PROPERTIES EASY: DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: CAPOX QUANTITY: 5%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 78 SURFACE TEMP: 72 XRH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR: X FOOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES & CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	X	X .
	BUBBLES OR PINHOLES:	X	X	X
	SAGS AND RUNS:	X	X	X
	CRACKING:			
	UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X	X	X

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 2.5 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS FAIR - BUBBLES - RUNS AT REQUIRED MILLAGE

PRODUCT: SUBOX CAPOX 8500HB EPOXY BATCH NO.: DATE: 4/2/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: AHB QUANTITY: 5%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER:

B. EQUIPMENT USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 40 PSI

C. HANDLING PROPERTIES

S WELD SEAM
X
X
×
2

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 5.9 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 30 MIN DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - COVERS WELL - BUBBLES EVEN AFTER MIST

PRODUCT: SUBOX CAPOX A8551 EPOXY BATCH NO.: DATE: 4/2/85

COLOR: RED LOCATION: KSC ITEM COATED: 16 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: ZINC

Cr DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

CONTAINER SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: NO: X TYPE: QUANTITY:

APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER:

MIK (FINE (L): AP POW HOT (TIME)

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 10 PSI

AIR PRESSURE: 60 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	600D:	FAIR: X	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES &	CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY:	X	X		X
	BUBBLES OR PINHOLES:	X	X		X
	SAGS AND RUNS:	X	X		X
	CRACKING:				
	UNIFORM COLOR:	X	X		X
	VARYING COLOR:				
	OTHER (DESCRIBE):				•

D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 4.4 MILS

MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES WELL - NEED HIGH PRESSURE TO SPRAY WITHOUT THINNING

PRODUCT: SUBOX SUBTHANE 3000 BATCH NO.: PR(DATE: 3/4 LOCATION: KSC ITEM COATED: 16 TATOR PANELS COLOR: WHITE COL SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: SUL A. SETTLING - YES: NO: X SOFT: X HARD: OTHER: C DITION Co. IN CONTAINER SEPARATION - YES: NO: X DESCRIPTION: 100 B. MIXING - MECHANICAL EASY: DIFFICULT: TYPE MIXER BLADE: HAND MIXING PROPERTIES EASY: X DIFFICULT: THINNING REQUIRED YES: NO: X TYPE: QUANTITY: APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLI APF A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS AIR TEMP(F): 78 SURFACE TEMP: 72 %RH: 40 OTHER B. EQUIPMENT USED AIRLESS: TYPE: RATIO: TIP: AIRMOTOR PRESSURE: CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 5 P AIR PRESSURE: 40 PSI C. HANDLING PROPERTIES 1. ATOMIZATION GOOD: X FAIR: POOR: 2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SE SMOOTH W/ FAIR FLOW: Х Х Х FAIRLY SMOOTH: ORANGE PEEL: **OVERSPRAY :** BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: UNIFORM COLOR: X Х X VARYING COLOR: OTHER (DESCRIBE): D. THICKNESS WET FILM (AVERAGE): DRY FILM (AVERAGE): 2.1 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING: MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING: E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: OVERNIGHT

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - COVERS WELL - LOOKS GOOD

DATE: 1/22/86 BATCH NO. : PRODUCT, TNEMEC 70 URETHANE

LOCATION: KSC ITEM COATED: 8 TATOR PANELS COLOR: WHITE

PROFILE: OTHER: EPOXY ABRASIVE: SURFACE PREPARATION SSPC:

C' MITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

EASY: DIFFICULT: B. MIXING - MECHANICAL

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 19 QUANTITY: 10% APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN: CONDITIONS AIR TEMP(F): 80 SURFACE TEMP: 80 %RH: 40 OTHER:

B. EQUIPMENT AIRLESS: TYPE: USED

> AIRMOTOR PRESSURE: TIP: RATIO:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 2 PSI

FAIR:

POOR:

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

GOOD: X 1. ATDMIZATION 2. COATING APPEARANCE FLAT AREAS ANGLES & CORNERS WELD SEAM X Х X SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: DRANGE PEEL: **OVERSPRAY:** BUBBLES OR PINHOLES: SAGS AND RUNS: CRACKING: Х Х UNIFORM COLOR: VARYING COLOR: Х OTHER (DESCRIBE): FOAMS X

D. THICKNESS WET FILM (AVERAGE): 4 MILS DRY FILM (AVERAGE): 2 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: 6 HRS METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - FOAMS WITH EXCESS MILLAGE

PRODUCT: THEMEC 73 URETHANE BATCH NO.: DATE: 1/22/86

COLOR: WHITE LOCATION: KSC ITEM COATED: 8 TATOR PANELS

SURFACE PREPARATION SSPC: ABRASIVE: PROFILE: OTHER: EPOXY

C DITION A. SETTLING - YES: NO: X SOFT: X HARD: OTHER:

IN CONTAINER

SEPARATION - YES: NO: X DESCRIPTION:

B. MIXING - MECHANICAL EASY: DIFFICULT:

TYPE MIXER BLADE:

HAND MIXING PROPERTIES EASY: X DIFFICULT:

THINNING REQUIRED YES: X NO: TYPE: 19 QUANTITY: 10%
APPLICATION CONDITIONS AND COATING PROPERTIES (REPORT ON EACH PRODUCT APPLIED)

A. ENVIRONMENTAL INSIDE SHOP: X OUTSIDE: SHADE: X SUN:
CONDITIONS
AIR TEMP(F): 80 SURFACE TEMP: 80 %RH: 40 OTHER:

B. EQUIPMENT
USED AIRLESS: TYPE:

RATIO: TIP: AIRMOTOR PRESSURE:

CONVENTIONAL: X TYPE GUN: BINKS 18 PRESSURE CUP

FLUID TIP: 66 AIR CAP: 63PB FLUID PRESSURE: 4 PSI

AIR PRESSURE: 35 PSI

C. HANDLING PROPERTIES

1.	ATOMIZATION	GDOD: X	FAIR:	POOR:	
2.	COATING APPEARANCE	FLAT AREAS	ANGLES	& CORNERS	WELD SEAM
	SMOOTH W/ FAIR FLOW: FAIRLY SMOOTH: ORANGE PEEL: OVERSPRAY: BUBBLES OR PINHOLES: SAGS AND RUNS:	X		x	X
	CRACKING: UNIFORM COLOR: VARYING COLOR: OTHER (DESCRIBE):	X		x	×

D. THICKNESS WET FILM (AVERAGE): 8 MILS DRY FILM (AVERAGE): 4.9 MILS MAXIMUM DRY FILM THICKNESS WITHOUT SAGGING:

MAXIMUM DRY FILM THICKNESS WITHOUT CRACKING:

E. DRYING TIME DRY TO TOUCH: 1 HR DRY THROUGH: 6 HRS

METALLIC POLISH:

F. COMMENTS: MIXES AND SPRAYS WELL - REQUIRES TWO PASSES TO GET MILLAGE